Norton Hospital 2020

		Penicillins						Cephalosporins					Monobactam	Carbapenems		Aminoglycosides				Gram + Coverage					Others				
	Number Tested	Amoxicillin/Clavulanate	Ampicillin	Ampicillin/Sulbactam	Oxacillin	Penicillin	Piperacillin/Tazobactam	Oral cephalosporins for uncomplicated UTI	Cefazolin	Cefepime	Ceftazidime	Ceftriaxone	Aztreonam	Ertapenem	Meropenem	Amikacin	Gentamicin	Gentamicin Synergy	Tobramycin	Clindamycin [1, 2]	Erythromycin [2]	Vancomycin	Linezolid	Daptomycin	Ciprofloxacin	Levofloxacin	Nitrofurantoin [2]	Tetracycline	Trimeth/Sulfa
Acinetobacter baumannii complex [3]	10	0	0	100	0	0				100	100		0	0	100	90	100		100	0	0	0	0	0	100	100			90
Citrobacter freundii complex [4]	25	0	0	0	0	0	92		0	100	72	68	72	100	100	100	92		92	0	0	0	0	0	96	96	100		76
Citrobacter koseri	25	96	0	100	0	0	100		92	100	100	100	96	100	100	100	96		96	0	0	0	0	0	100	100	87		96
Enterobacter cloacae complex [5]	101	0	0	0	0	0	85		0	87	70	66	69	93	99	100	94		93	0	0	0	0	0	93	96	37		88
Escherichia coli	989	83	42	50	0	0	97	83	60	90	90	87	87	99	100	99	90		90	0	0	0	0	0	74	74	96		71
Klebsiella aerogenes	61	0	0	0	0	0	85		0	97	77	74	77	93	100	100	100		98	0	0	0	0	0	97	100	20		95
Klebsiella oxytoca	49	92	0	78	0	0	94		16	98	94	90	84	100	100	100	98		98	0	0	0	0	0	98	100	85		96
Klebsiella pneumoniae	238	92	0	84	0	0	98	90	85	95	95	94	93	99	99	99	97		96	0	0	0	0	0	94	98	45		92
Morganella morganii	27	0	0	11	0	0	100		0	96	85	89	81	100	100	100	89		96	0	0	0	0	0	81	85	0		81
Proteus mirabilis	123	92	80	89	0	0	99	90	64	96	95	92	89	99	100	100	90		92	0	0	0	0	0	70	75	0	0	76
Proteus vulgaris	14	93	0	79	0	0	100		0	100	100	43	85	100	100	100	100		93	0	0	0	0	0	93	100	0	0	86
Providencia rettgeri	12	0	0	42	0	0	92		0	83	50	83	50	92	100	100	92		100	0	0	0	0	0	83	92	0	0	75
Pseudomonas aeruginosa	182	0	0	0	0	0	82		0	79	82	0	72	0	89	97	86		98	0	0	0	0	0	83	82	0	0	0
Serratia marcescens	56	0	0	0	0	0	59		0	96	57	62	61	98	98	100	100		89	0	0	0	0	0	96	100	0		98
Stenotrophomonas maltophilia	29	0	0	0	0	0	0		0		41	0	0	0	0	0	0		0	0	0	0	0	0		93		0	100
Staphylococcus aureus	757	45			45				45				0							76	30	100	100	99				94	99
Methicillin-resistant S. aureus	429	0	0	0	0	0	0		0	0	0	0	0	0	0					72	13	100	100	100				94	99
Methicillin-susceptible S. aureus	339	100			100				100				0							81	52	100	100	99				95	99
Staphylococcus epidermidis	120	29			29				29				0							44	24	100	99	100			100	76	57
Staphylococcus haemolyticus	12	33			33				33				0							*	*	100	100	100			100	67	67
Staphylococcus hominis	17	76			76				76				0							73	47	100	94	100			*	76	76
Staphylococcus lugdunensis	25	72			72				72				0							65	58	100	100	100			*	88	100
Other coagulase-negative staphylococci	28	36			36				36				0							58	46	100	100	86			*	89	82
Enterococcus faecalis	126		100			100			0	0	0	0	0			0	0	77	0	0	31	94	100	100			*	36	0
Enterococcus faecium	28		25			25			0	0	0	0	0			0	0	82	0	0	7	36	100	96			*	21	0
Group A Streptococcus (S. pyogenes)	20		100			100						100	0							60	55	100				100		40	0
Group B Streptococcus (S. agalactiae)	20		100			100						100	0							50	30	100				100		25	0
Streptococcus anginosus [6]	65		98			98						100	0							72	49	100				100		37	
Streptococcus constellatus [6]	28		96			100						100	0							82	68	100				100		68	
Streptococcus intermedius [6]	34		97			97						97	0							79	62	100				100		68	
Streptococcus pneumoniae	36	94				See Table II						See Table II	0							89	60	100				97		81	81
Viridans streptococci	48		73			65						88	0							81	40	100				96		67	
Aerococcus urinae	21		100			100						100	0							*	*	100				57		86	0

*Fewer than 10 isolates.

[1] MRSA: 6% inducible resistance, 22% constitutive resistance; MSSA: 14% inducible resistance, 5% constitutive resistance; Coag-neg Staph (all species): 6% inducible resistance, 41% constitutive resistance.
[2] Clindamycin and erythromycin data are based on non-urine isolates only. Nitrofurantoin susceptibility is based on urine isolates only.
[3] A. baumannii complex consists of the species A. baumannii, A. calcoaceticus, A. nosocomialis, and A. pitii.
[4] C. freundii complex consists of the species C. braakii, C. freundii, C. murliniae, C. sedlaki, C. werkmanii, and C. youngae.
[5] E. cloacae complex consists of the species E. asburiae, E. cloacae, E. hormaechei, E. kobei, E. ludwigii, and E. nimipressuralis.
[6] Together, the species S. anginosus, S. intermedius, and S. constellatus comprise the Streptococcus anginosus group.

Table II. Susceptibility rates of penicillin and ceftriaxone for *Streptococcus pneumoniae* (N = 36)

	Penicillin - IV meningitis	Penicillin - IV non-meningitis	Penicillin - Oral	Ceftriaxone - IV meningitis	Ceftriaxone - IV non-meningitis
Percent Susceptible	72	97	72	97	100
Percent Intermediate	-	3	22	3	0
Percent Resistant	28	0	6	0	0